

TABLE 50. Statistical profile of doctorate recipients, by sex and broad field of study: 2009

Characteristic	All fields	Life sciences <sup>a</sup>	Physical sciences <sup>b</sup>	Social sciences <sup>c</sup>	Engineering	Education	Humanities	Other non-S&E fields
All doctorate recipients (number)	49,562	11,402	8,331	7,836	7,634	6,531	4,899	2,929
	Percent							
Sex								
Male	53.1	45.4	70.4	41.6	78.7	33.1	48.1	51.5
Female	46.8	54.5	29.4	58.4	21.3	66.9	51.8	48.5
Unknown	0.1	0.1	0.2	0.0	0.1	0.0	0.0	0.1
Citizenship								
U.S. citizen or permanent resident	65.0	68.3	53.0	71.5	41.2	85.2	79.2	62.6
Temporary visa holder	29.7	27.2	42.4	21.8	55.2	8.7	14.8	30.1
Unknown	5.3	4.6	4.6	6.7	3.6	6.0	6.0	7.2
Marital status								
Never married	28.1	29.2	35.6	26.8	35.4	15.0	25.3	21.1
Married	50.3	50.0	46.0	46.6	49.7	60.0	49.2	54.7
Marriage-like relationship	6.5	7.5	6.8	8.8	3.8	4.3	8.2	5.1
Separated, divorced, widowed	4.3	3.7	1.9	5.0	1.8	8.5	6.2	5.1
Unknown	10.8	9.5	9.7	12.8	9.4	12.2	11.1	14.1
Bachelor's in same field as doctorate <sup>d</sup>	53.5	49.4	64.6	51.8	77.1	29.8	53.6	33.3
Master's earned	72.8	51.1	63.9	82.8	78.4	89.4	84.5	85.5
	Median years							
Age at doctorate	32.2	31.3	30.2	32.4	30.5	40.5	34.5	36.1
Time to doctorate								
From bachelor's	9.3	8.5	7.5	9.4	7.9	16.2	11.3	12.4
From graduate school start	7.7	7.0	6.7	7.7	6.9	12.3	9.5	9.7
Male doctorate recipients (number)	26,338	5,180	5,868	3,259	6,006	2,160	2,358	1,507
	Percent							
Citizenship								
U.S. citizen or permanent resident	58.7	64.5	52.0	65.4	38.9	84.9	79.6	58.7
Temporary visa holder	36.3	30.6	43.3	28.3	57.5	8.9	14.2	34.2
Unknown	5.0	4.9	4.7	6.3	3.5	6.2	6.1	7.1
Marital status								
Never married	29.3	28.5	35.9	26.2	35.9	13.3	23.5	19.6
Married	51.6	52.3	46.2	49.5	49.5	66.5	52.5	59.4
Marriage-like relationship	6.0	6.9	6.6	8.5	3.5	4.1	8.0	4.4
Separated, divorced, widowed	2.6	2.6	1.6	3.6	1.6	4.4	5.0	2.4
Unknown	10.5	9.7	9.7	12.3	9.4	11.8	11.0	14.3
Bachelor's in same field as doctorate <sup>d</sup>	56.6	47.2	64.5	49.8	78.0	25.6	56.2	32.8

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Characteristic	All fields	Life sciences <sup>a</sup>	Physical sciences <sup>b</sup>	Social sciences <sup>c</sup>	Engineering	Education	Humanities	Other non-S&E fields
Master's earned	72.2	50.0	63.8	82.1	79.6	89.5	85.0	85.1
Median years								
Age at doctorate	32.0	31.5	30.3	33.0	30.7	40.4	34.8	36.0
Time to doctorate								
From bachelor's	9.0	8.5	7.6	9.7	7.9	16.0	11.3	12.3
From graduate school start	7.6	7.0	6.7	7.9	6.9	12.6	9.6	9.7
Female doctorate recipients (number)	23,190	6,212	2,450	4,575	1,623	4,370	2,540	1,420
Percent								
Citizenship								
U.S. citizen or permanent resident	72.3	71.5	55.5	75.9	49.8	85.4	78.9	67.0
Temporary visa holder	22.3	24.3	40.3	17.2	46.6	8.6	15.3	25.8
Unknown	5.4	4.2	4.2	6.9	3.6	6.0	5.8	7.3
Marital status								
Never married	26.8	29.8	35.3	27.3	33.3	15.9	27.0	22.8
Married	48.9	48.2	45.6	44.6	50.6	56.8	46.1	49.7
Marriage-like relationship	7.2	8.1	7.4	9.1	4.7	4.3	8.3	5.8
Separated, divorced, widowed	6.2	4.6	2.7	6.0	2.4	10.6	7.4	8.0
Unknown	11.0	9.2	9.1	13.0	9.0	12.4	11.2	13.7
Bachelor's in same field as doctorate <sup>d</sup>	50.0	51.3	65.1	53.2	73.7	32.0	51.1	33.8
Master's earned	73.7	52.1	64.4	83.3	74.2	89.3	84.0	86.1
Median years								
Age at doctorate	32.6	31.2	30.0	32.0	30.1	40.5	34.2	36.2
Time to doctorate								
From bachelor's	9.9	8.6	7.5	9.3	7.6	16.3	11.3	12.6
From graduate school start	8.0	7.0	6.5	7.7	6.7	12.3	9.5	9.9

<sup>a</sup> Includes agricultural sciences/natural resources, biological/biomedical sciences, and health sciences.

<sup>b</sup> Includes mathematics and computer and information sciences.

<sup>c</sup> Includes psychology.

<sup>d</sup> A bachelor's degree is counted as "in the same field as doctorate" if the fields of study of a doctorate recipient's bachelor's degree and doctorate degree are both in the same major field category of the NSF field of study taxonomy. See appendix A, table A-6, for a listing of the major fields and their constituent subfields.

NOTE: Due to rounding, the sum of percentages may not equal to 100.

SOURCE: NSF/NIH/USED/USDA/NEH/NASA, 2009 Survey of Earned Doctorates.